



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera

Habersham Metal Products Co., Inc.
264 Stapleton Road, P.O. Box 739
Cornelia, GA 30531

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Detention Cell View" Steel Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **NOA Application # 12-0501.10**, titled "Dade County Detention Cell View Window Frame", sheets 1 through 7 of 7, dated 08/07/12, prepared by manufacturer, signed and sealed by James L. Studer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises and renews** **NOA# 11-0713.01** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date: 8/16/12

NOA No. 12-0501.10
Expiration Date: July 20, 2016
Approval Date: August 23, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

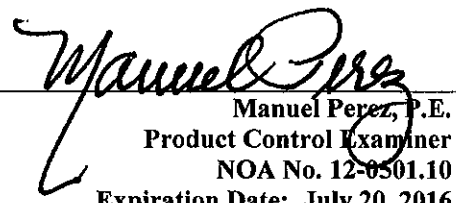
1. Manufacturer's die drawings and sections.
2. Drawing No **NOA Application # 12-0501.10**, Sheets 1 through 7 of 7, dated 08/07/12, titled "Dade County - Detention Cell View Window Frame", prepared by manufacturer, signed and sealed by James L. Studer, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a detention steel fixed window, prepared by Intertek Testing Services NA, Inc. Test Report No. **ITS-100516250MID-001**, dated 01/27/12, and addendum letter dated 07/24/12, all signed and sealed by Rick D. Curkeet, P.E.
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of fixed detention window, prepared by Certified Testing Laboratories, Test Report No. **CTLA-379W**, dated 03/22/99, signed and sealed by Ramesh C. Patel, P.E.
(Submitted under previous NOA# 11-0713.01)
3. Tensile Test prepared by Applied Technical Services, Incorporated, Test Report No. **D103701**, dated June 20, 2006, tested per **ASTM A370-05**, signed by S. Genculu, P.E.
(Submitted under previous NOA# 11-0713.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and FBC 2010, prepared by MACTEC Engineering and Consulting, Inc., dated March 16, 2006, revised on June 22, 2006 signed and sealed by R. Greg Henley, P.E. and updated June 14, 2011, signed and sealed by James L. Studer, P.E.
(Submitted under previous NOA# 11-0713.01)
2. Glazing complies with ASTM E1300-04


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0501.10
Expiration Date: July 20, 2016
Approval Date: August 23, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

E. MATERIAL CERTIFICATIONS

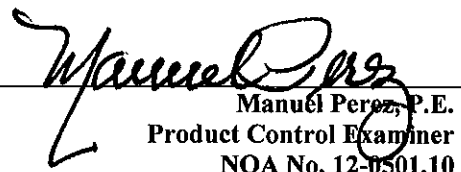
1. Notice of Acceptance No. **08-0305.02** issued to **Sabic Innovative Plastics** for their "**Lexan Sheet Products**", dated 04/24/08, expiring on 07/17/13.

F. STATEMENTS

1. Statement letter of conformance, complying with the FBC-2010, dated August 07, 2012, signed and sealed by James L. Studer, P.E.,
2. Statement letter of no financial interest, dated August 07, 2012, signed and sealed by James L. Studer, P.E.
3. Letter from Habersham Metal Products dated Nov. 02, 2011, requesting a One-Year Approval to allow them to perform the required verification test to complete the renewal process, signed by James A. Stapleton III, P.E.
(Submitted under previous NOA# 11-0713.01)
4. Laboratory compliance letter for Test Report No. **CTL-379W**, issued by Certified Testing Laboratories, dated 03/30/99, signed and sealed by Ramesh C. Patel, P. E.
(Submitted under previous NOA# 06-0117.07)
5. Testing agreement letter, dated 10/19/11 between Intertek and Habersham Metal Products, issued by Intertek and signed by Jesse Peterson, Authorized Lab Representative.
(Submitted under previous NOA# 11-0713.01)

G. OTHERS

1. Notice of Acceptance No. **11-0713.01**, issued to Habersham Metal Products Co., Inc. for their "Detention Cell View" Steel Fixed Window, approved on 11/24/11 and expiring on 07/20/12.
2. This final approval is being issued for the balance of a total of 5 years, after a successful verification test was performed.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0501.10

Expiration Date: July 20, 2016
Approval Date: August 23, 2012

Dade County Compliance Office NOA Application #: 12-0501.10
Detention Cell View Window Frame

Habersham Metal Products Company, Inc.
264 Stapleton Road
Cornelia, GA 30531

Label Drive Riveted to Frame

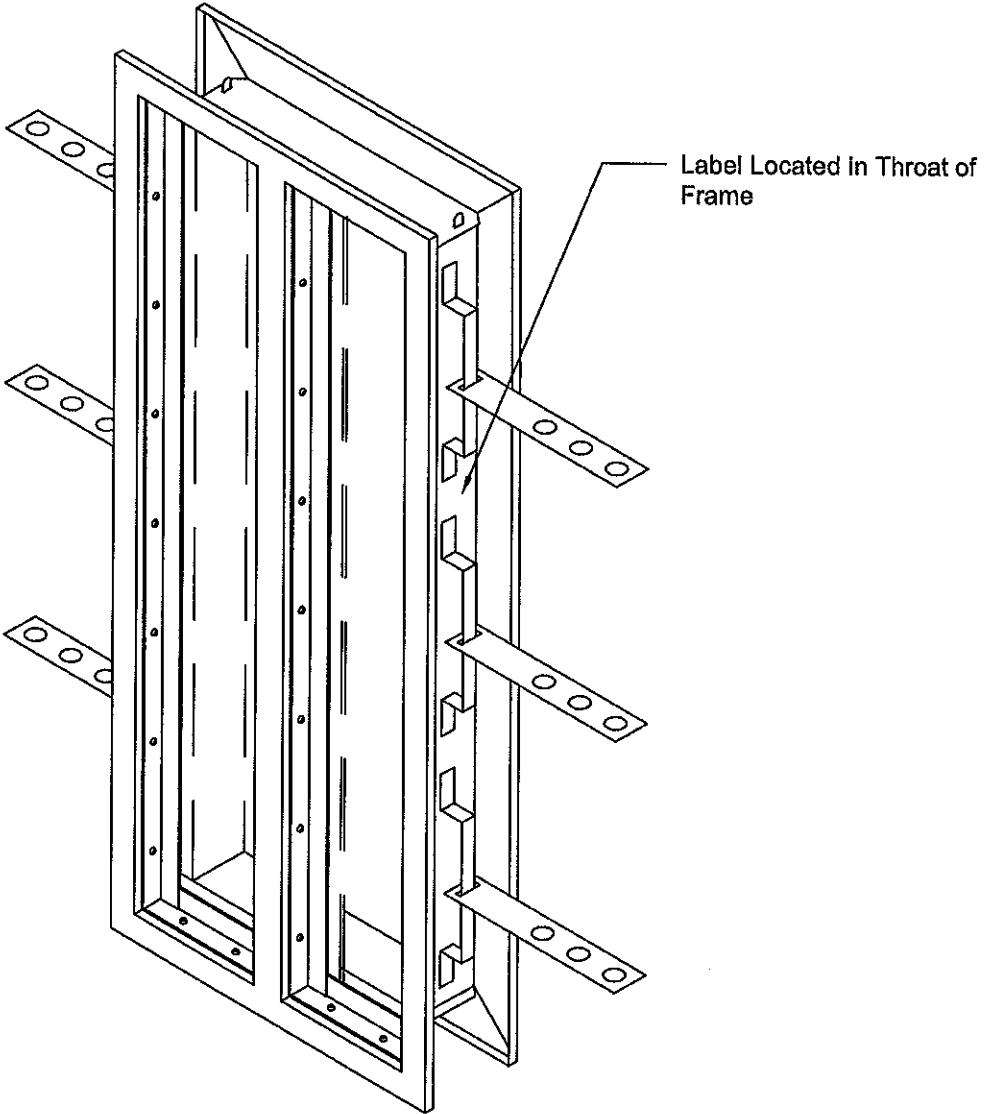
Habersham Metal Products Company
264 Stapleton Road, Cornelia GA, 706/778-2212
NOA # 12-0501.10 Detention Cell View Window

MIAMI-DADE COUNTY
APPROVED

| Design Pressure Rating | Impact Rating |
|---|---|
| + 79 psf , -99 psf with Masonry Straps + 135 psf , -170 psf Hilti Anchors and Nelson Studs | TAS 201 Large Missile Impact TAS 203 Cyclic Loading Rating is in Accordance with CTL Test Report #CTLA-379A Dated March 30, 1999, Signed and Sealed by Mr. Ramesh Patel, P.E. Florida Registration #20224 ITS Test Report #100516250MID-001 Dated January 27, 2012, Signed and Sealed by Mr. Rick Curkeet, P.E. Florida Registration # 60450 |

| Where Water Infiltration Requirements is Needed |
|---|
| +135 psf TAS 202 Paragraph 5.2.6 Rating is in Accordance with CTL Test Report #CTLA-379A Dated March 30, 1999, Signed and Sealed by Mr. Ramesh Patel, P.E. Florida Registration #20224 |

General Notes: 1) Complies with FBC 2010 Edition
2) All dimensions are in inches



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| Drawn by: JSIII | Checked by: JSIII |
| Date: 8-7-12 | Page: 1 of 7 |
| Revision: ORIGINAL | |

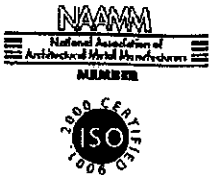
Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
Detention Cell View Window Frame

Job Number:
NOA Application # 12-0501.10



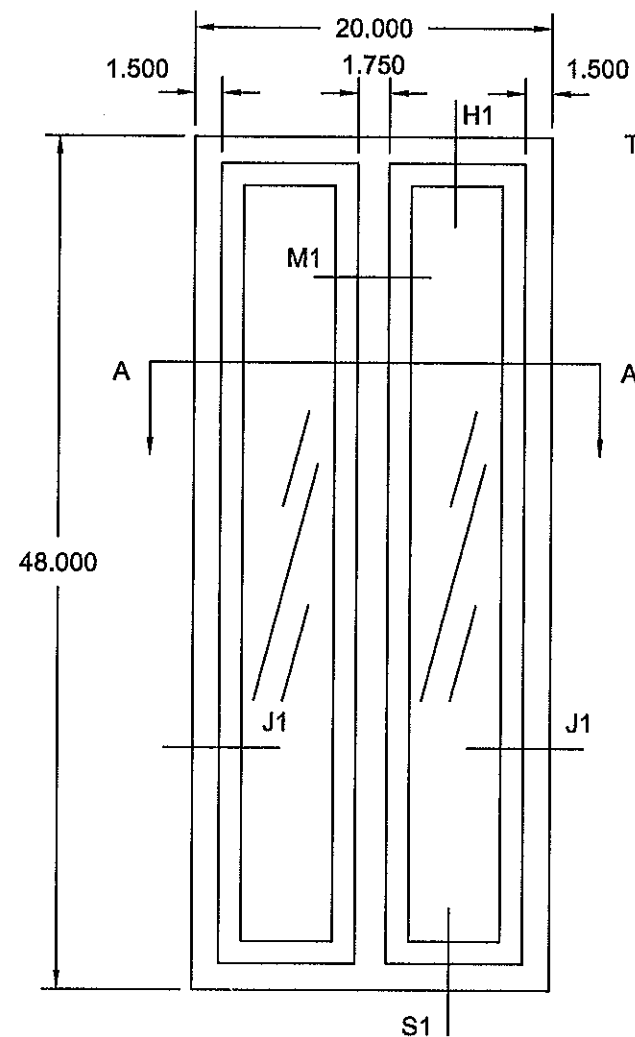
Florida Registered Professional Engineer
Company Name: AMEC Environmental and Infrastructure
Address: 3200 Town Point Drive NW, Suite 100
Kennesaw, Georgia 30144
No. 26978
STATE OF FLORIDA
Professional Engineer

The Window Frame Shown in these Drawings will Withstand Wind Pressures
In Accordance with ASCE 7-10 and the Florida Building Code 2010. This is
In Reference to the AMEC Letter Dated August 7, 2012.

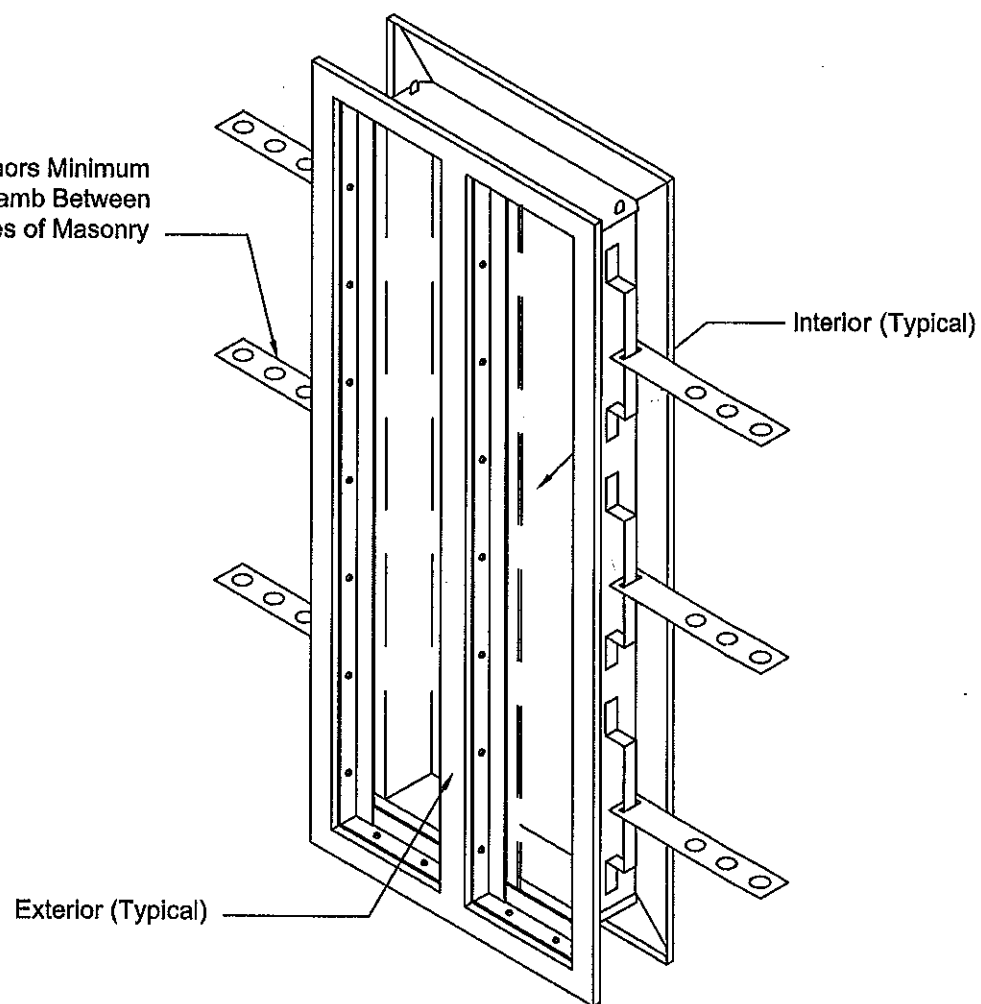
Dade County Compliance Office Use

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0501.10
Expiration Date July 30, 2016
By Manuel Perez
Miami Dade Product Control

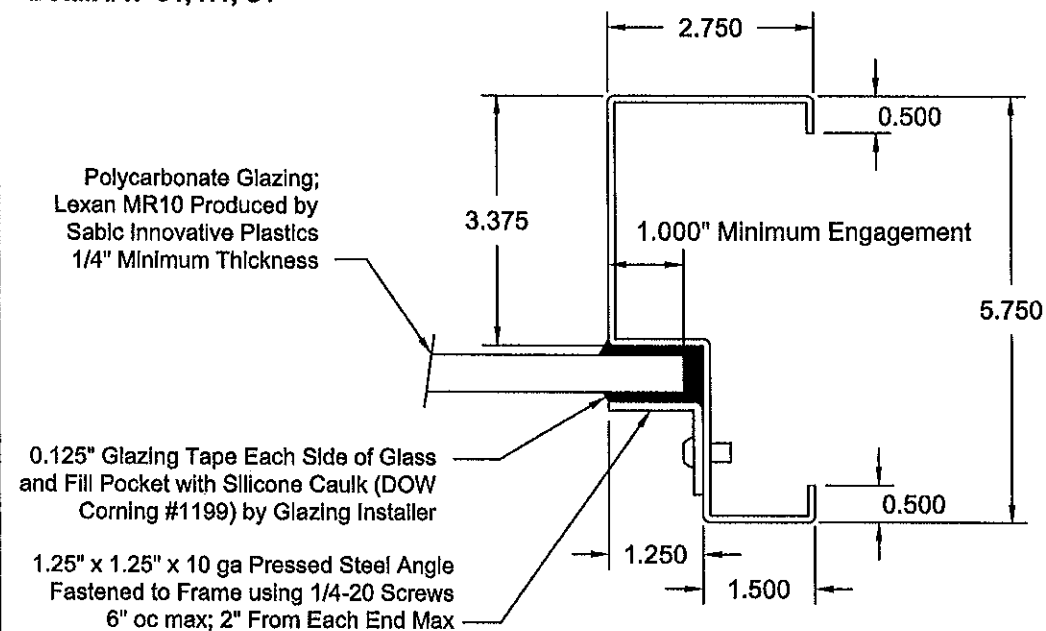
Isometric View



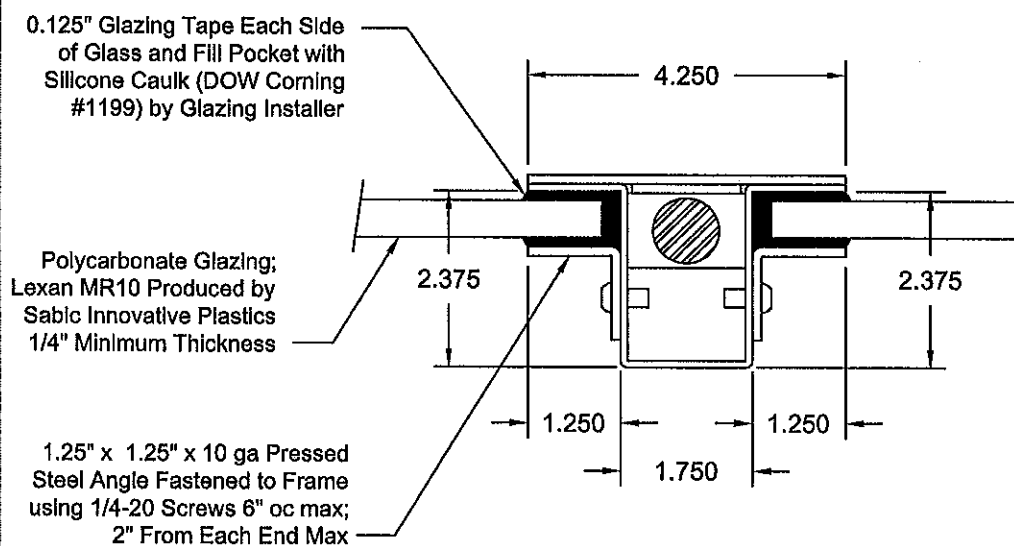
Three Anchors Minimum
Each Jamb Between
Courses of Masonry



Detail #1: J1, H1, S1



Detail #2: M1



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| Date: 8-7-12 | Page: 2 of 7 |
| Revision: | |
| ORIGINAL | |

Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:

Dade County-
Detention Cell View Window Frame

Job Number:

NOA Application # 12-0501.10



Florida Registered Professional Engineer

Company Name: JEC Environmental and Infrastructure
Address: 3200 Erwin Point Drive NW, Suite 100
Kennesaw, Georgia 30144

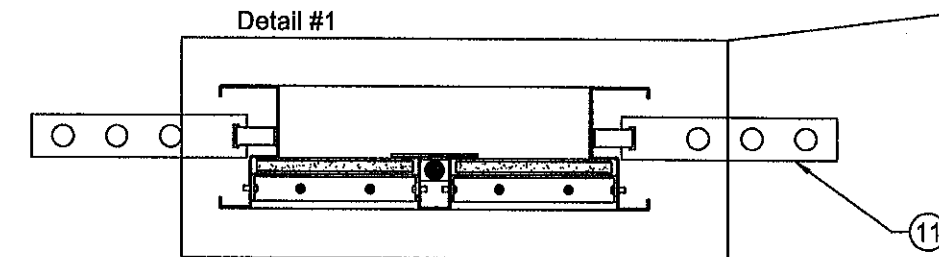
The Window Frame Shown in these Drawings Will Withstand Wind Pressures In Accordance with ASCE 7-02 and the Florida Building Code 2010. This is In Reference to the AM20 Letter Dated August 7, 2012.

Dade County Compliance Office Use

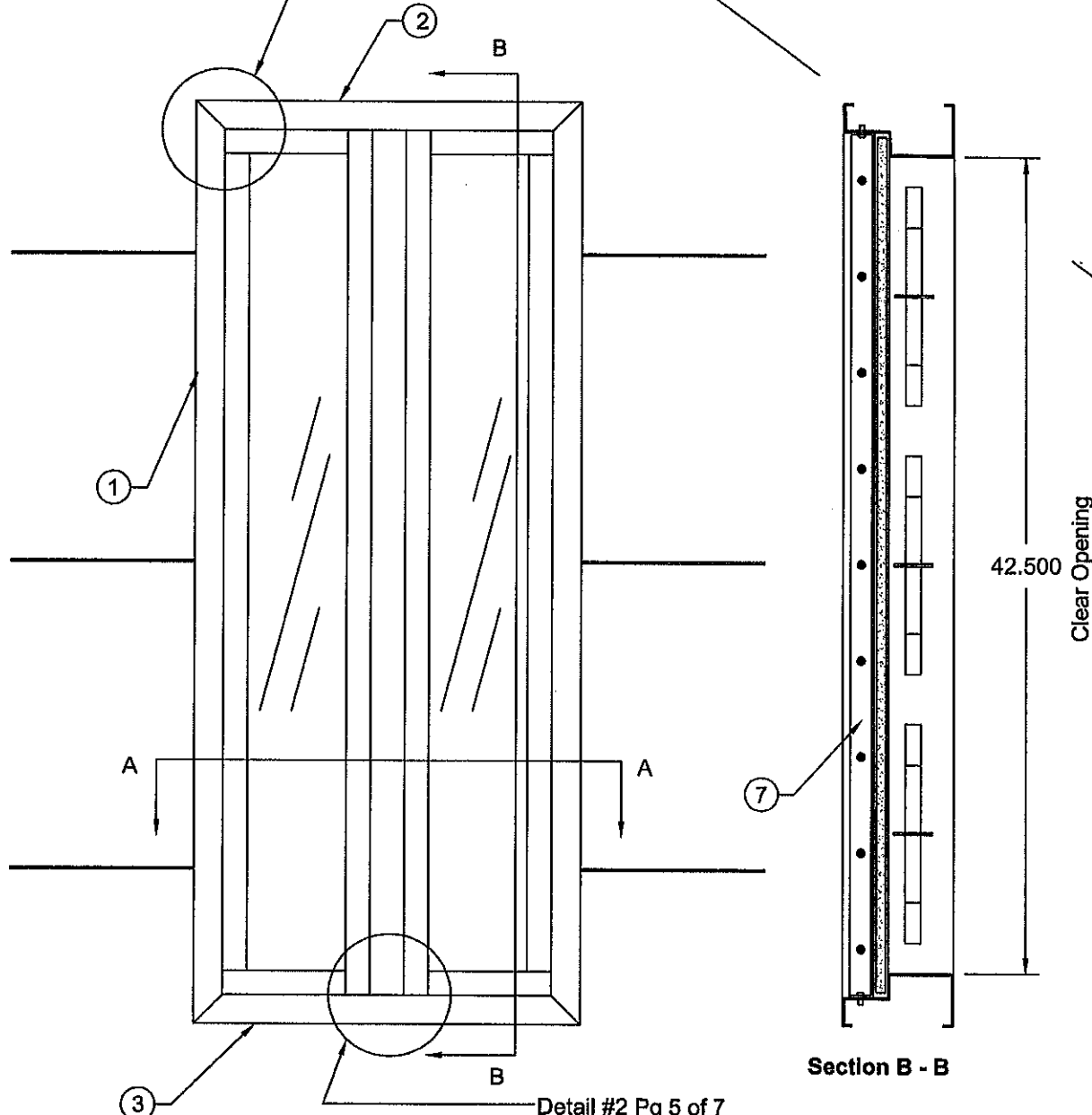
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0501-10
Expiration Date July 20, 2016

By Mamuel Sero
Miami Dade Product Control

Section A - A



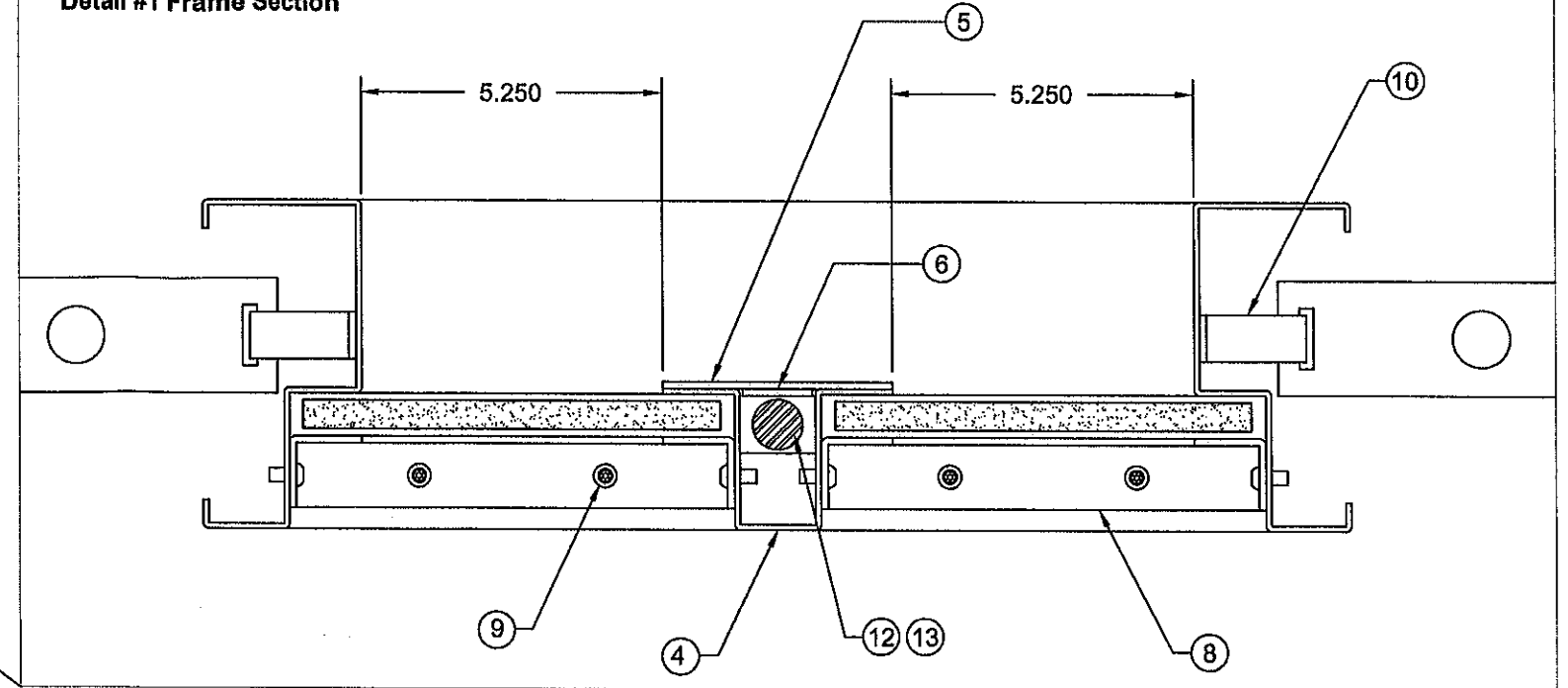
Detail #1 Pg 4 of 7



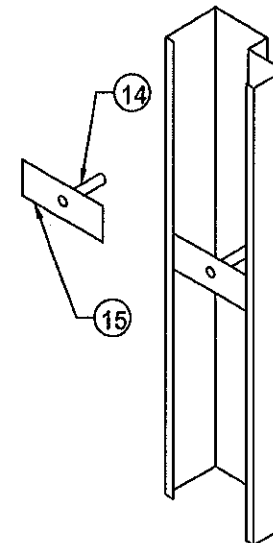
Section B - B

Detail #2 Pg 5 of 7

Detail #1 Frame Section



Expansion Bolt Preparation Tested ITS #100516250MID-001



See Page 6 of 7

| Bill of Materials | | | |
|--------------------------|------------------|----------------------------|--|
| Part Number/ Name/ Qty | Part Description | Material Thickness/ Detail | |
| 15* EB2- Exp Bolt Strap | 6 | 2.000" x 5.500" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 14* EB1- Exp Bolt Sleeve | 6 | 0.75" Dia x 2.625" | Galv Pipe Sleeve; Steel Conduit |
| 13 TRP- TR Plate | 2 | 1.000" x 1.500" | 0.375" ASTM A 514 |
| 12 TR- TR Round Bar | 1 | 0.875" Dia x 45" | Tool Resistant Round 64HRC 0.125" Case |
| 11 MF- Masonry Strap | 12 | 2.000" x 10.750" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 10 MS- Masonry Yoke | 6 | 0.813" x 11.375" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 9 Glass Stop Screws | 56 | 1/4" - 20 Grade #8 | Torx Security Screw; SAE Grade #8 |
| 8 GS2- Glass Stop | 4 | 1.25" x 1.25" x 15.25" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 7 GS1- Glass Stop | 4 | 1.25" x 1.25" x 44" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 6 ML- Mull Laminate | 1 | 1.188" x 45" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 5 MB- Mull Back Plate | 1 | 4.250" x 45" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 4 M- Frame Mull | 1 | 7.281" x 45" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 3 S- Frame Sill | 1 | 11.657" x 19.875" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 2 H- Frame Header | 1 | 11.657" x 19.875" | 10 ga ASTM A 1011 CS Type B; A60 Galv |
| 1 J- Frame Jamb | 2 | 11.657" x 47.875" | 10 ga ASTM A 1011 CS Type B; A60 Galv |

* Used only for Exp Bolt Anchor. (Parts 10 and 11 not used)

Florida Registered Professional Engineer
Company Name: AMEC Environmental and Infrastructure
Address: 33200 Towne Point Drive NW, Suite 100
Kennesaw, Georgia 30144
No. 26870

The Window Frame Shown on these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-10 and the Florida Building Code 2010. This is in Reference to the AMEC Letter Dated August 7, 2012.

Dade County Compliance Office Use

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0501.10
Expiration Date July 20, 2016

By: *[Signature]*
Miami Dade Product Control

Drawn by: JSIII
Checked by: JSIII
Date: 8-7-12
Page: 3 of 7
Revisions: ORIGINAL

Habersham Metal Products Co., Inc.



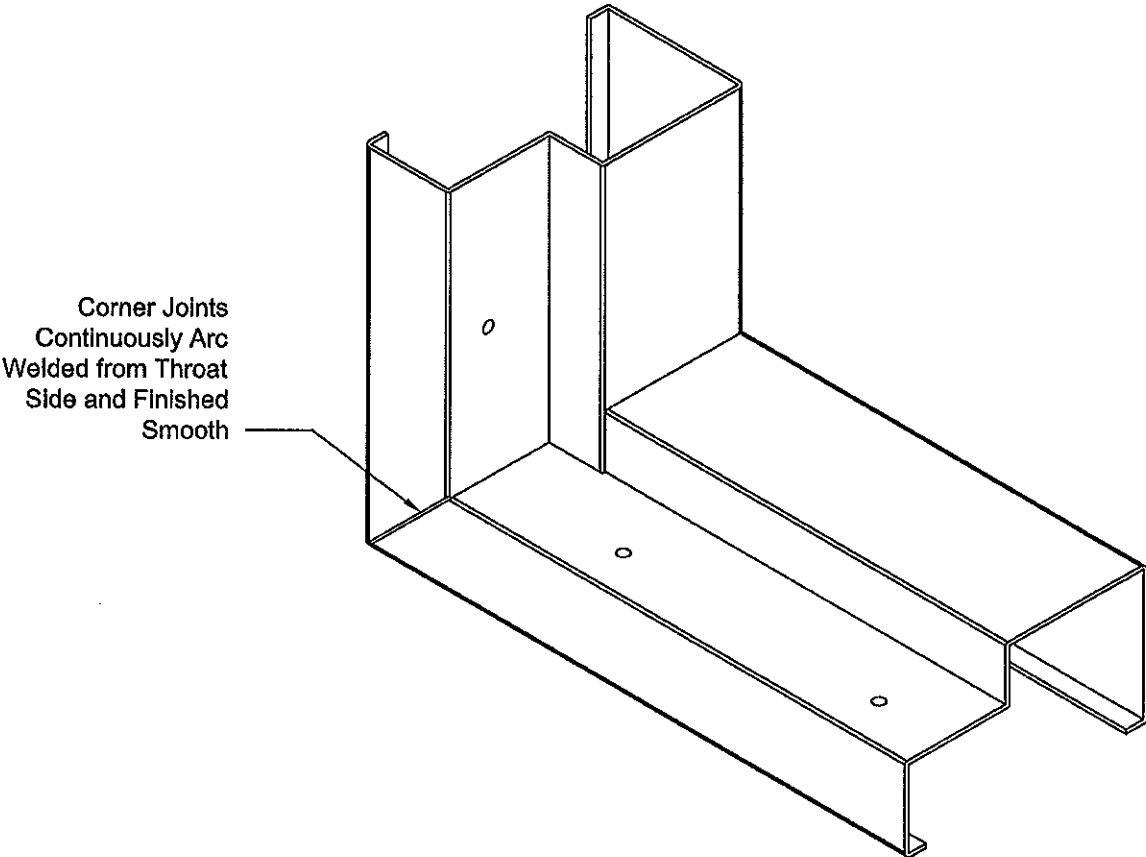
Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
Detention Cell View Window Frame
Job Number:
NOA Application # 12-0501.10



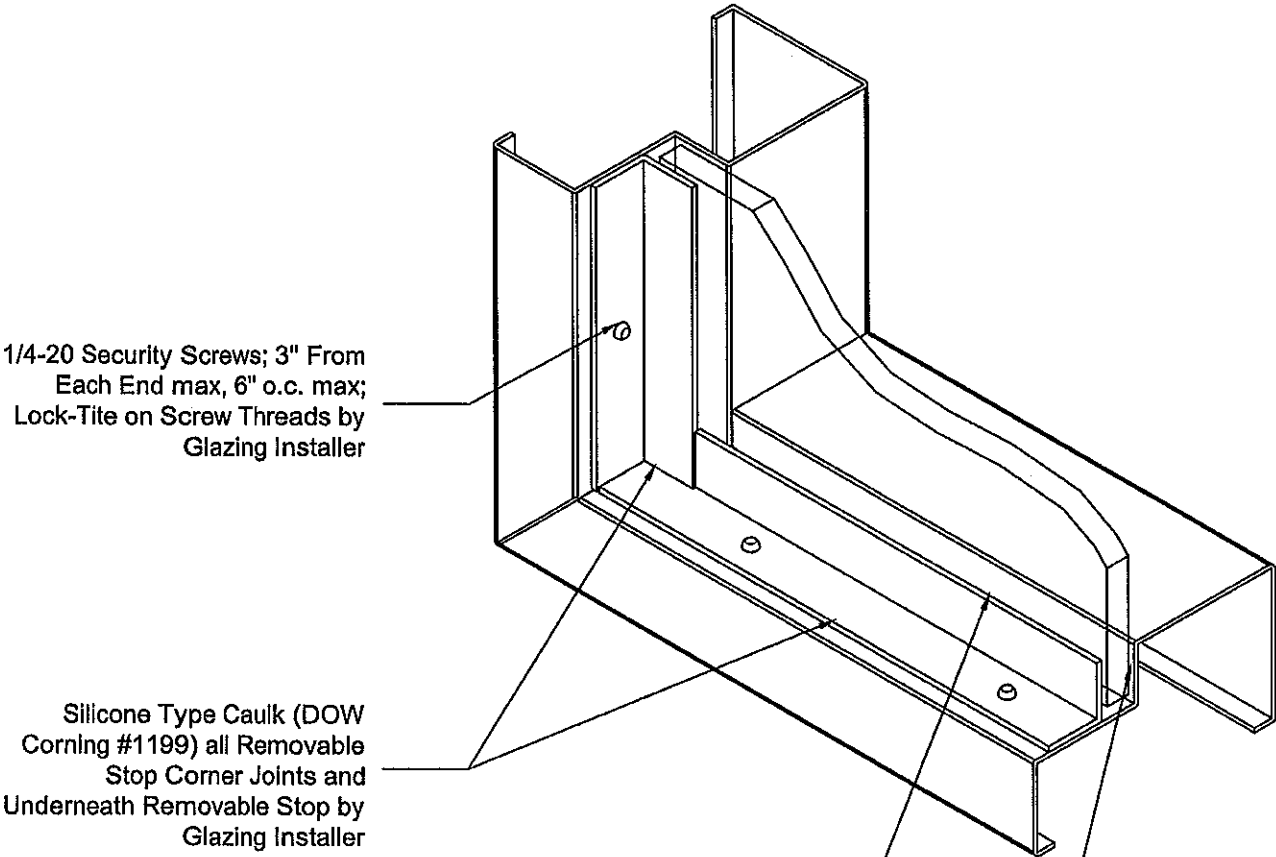
Detail #1 Corner Joint

Weld and Assembly Detail



Corner Joints
Continuously Arc
Welded from Throat
Side and Finished
Smooth

Glass Stop and Glazing Detail




1/4-20 Security Screws; 3" From
Each End max, 6" o.c. max;
Lock-Tite on Screw Threads by
Glazing Installer

Silicone Type Caulk (DOW
Corning #1199) all Removable
Stop Corner Joints and
Underneath Removable Stop by
Glazing Installer

Silicone Type Caulk (DOW
Corning #1199) Exterior of Glass
by Glazing Installer

0.125" Glazing Tape Each Side
of Glass and Fill Pocket with
Silicone Caulk (DOW Corning
#1199) by Glazing Installer

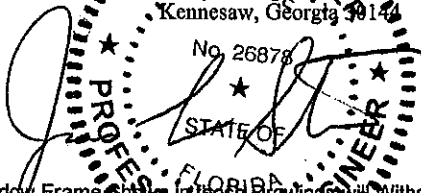
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| Drawn by: JSIII | Checked by: JSIII |
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| Revision: ORIGINAL | |

Habersham Metal Products Co., Inc.

Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
Detention Cell View Window Frame
Job Number:
NOA Application # 12-0501.10




Florida Registered Professional Engineer
Company Name: AMEC Environmental and Infrastructure
Address: 3200 Kowloon Drive NW, Suite 100
Kennesaw, Georgia 30144



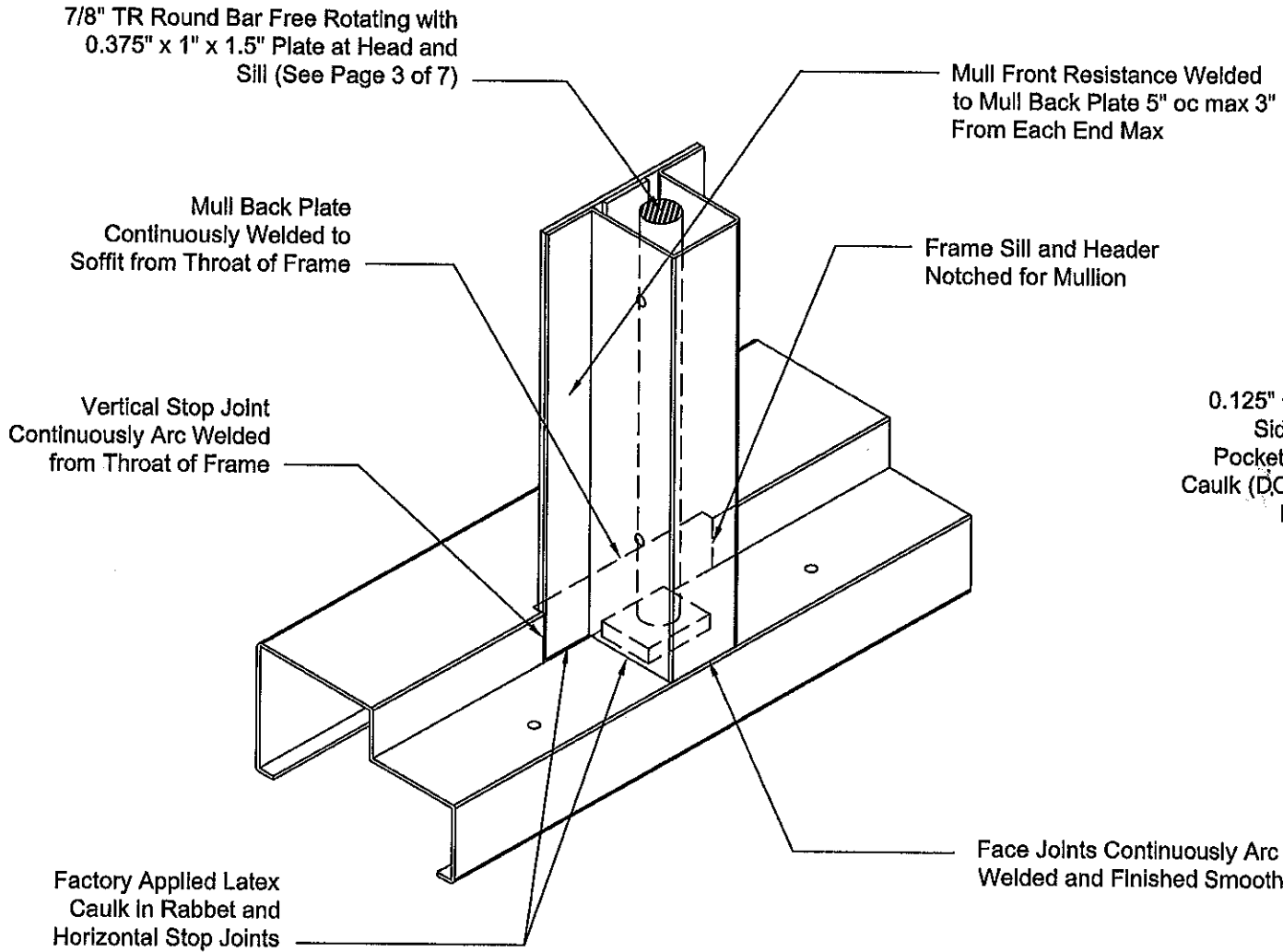
The Window Frame shown in these drawings will Withstand Wind Pressures
in Accordance with ASCE 7-10 and the Florida Building Code 2010. This is
in Reference to the AMEC Letter Dated August 7, 2012.

Dade County Compliance Office Use

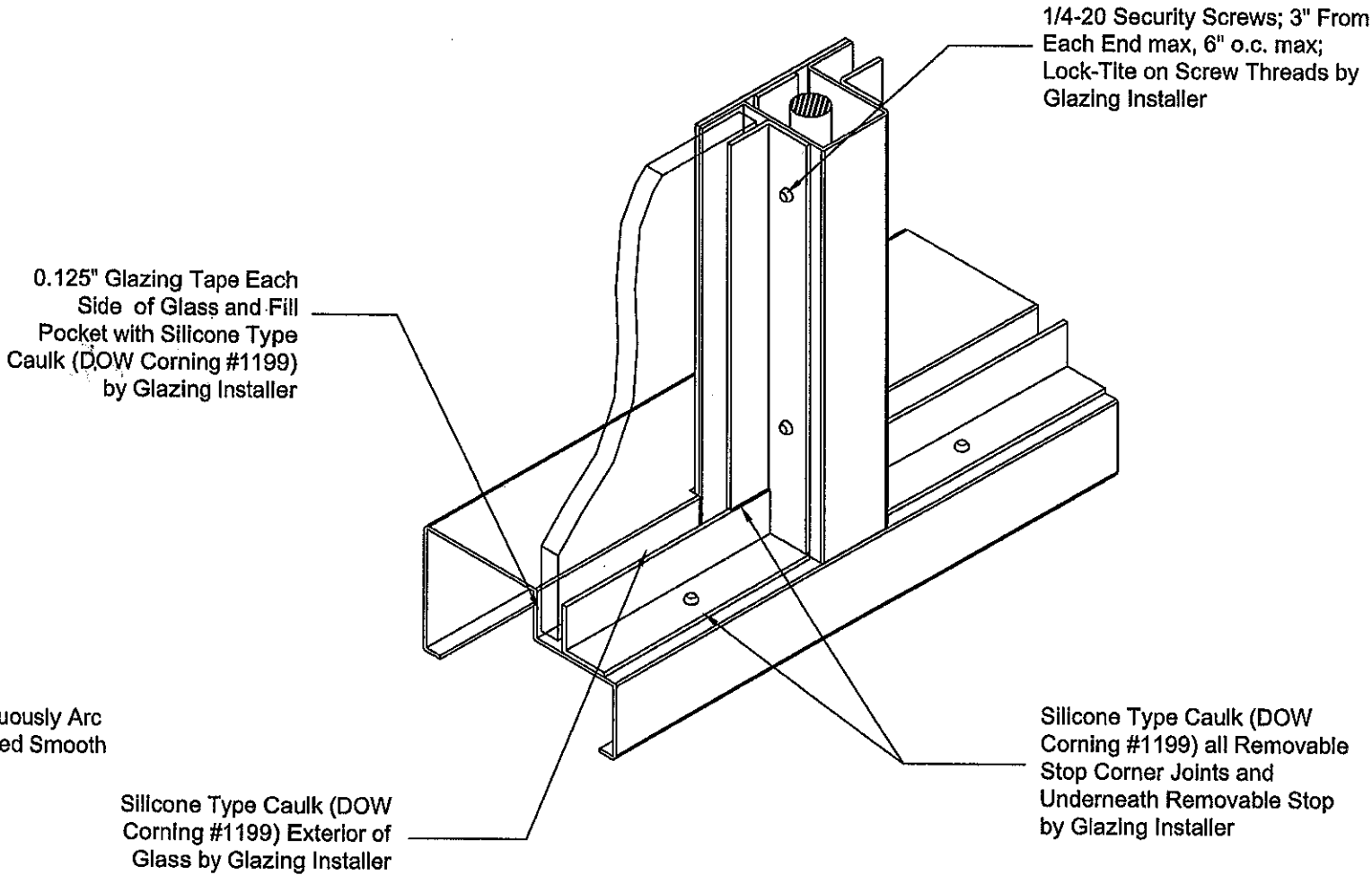
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0501.10
Expiration Date July 20, 2016
By 
Miami Dade Product Control

Detail #2 Mull Joint


Weld and Assembly Detail



Glass Stop and Glazing Detail

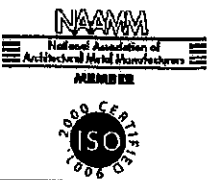


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| Date: 8-7-12 | Page: 5 of 7 |
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Habersham Metal Products Co., Inc.

Engineered Steel Doors and Frames
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Cornelia, GA 30531
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e-mail: hmpco@habershammetal.com

Project Name:
Dade County-
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Florida Registered Professional Engineer
Company Name: AMEC Environmental and Infrastructure
Address: 9200 Townpoint Drive NW, Suite 100
Kennesaw, Georgia 30144
No. 26876
STATE OF FLORIDA
Professional Engineer
The Window Frame shown in these Drawings will Withstand Wind Pressures
in Accordance with ASCE 7-10 and the Florida Building Code 2010. This is
in Reference to the AMEC Letter dated August 7, 2012.

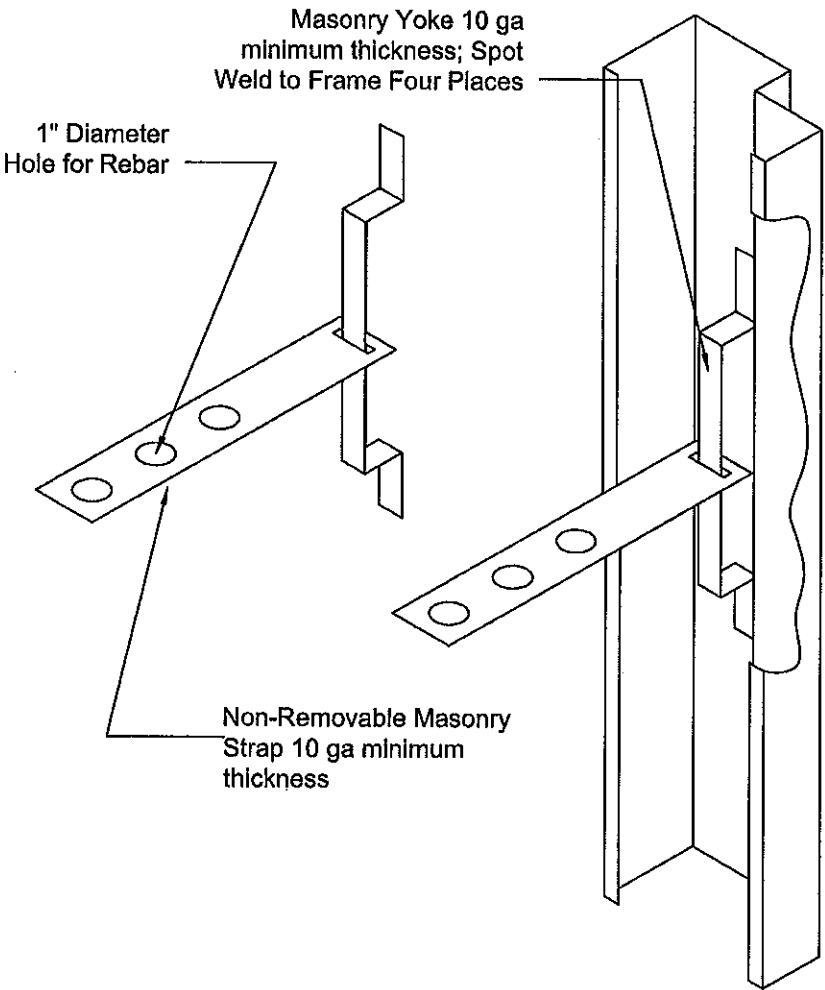
Dade County Compliance Office Use

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 12-0501.10
Expiration Date July 20, 2016

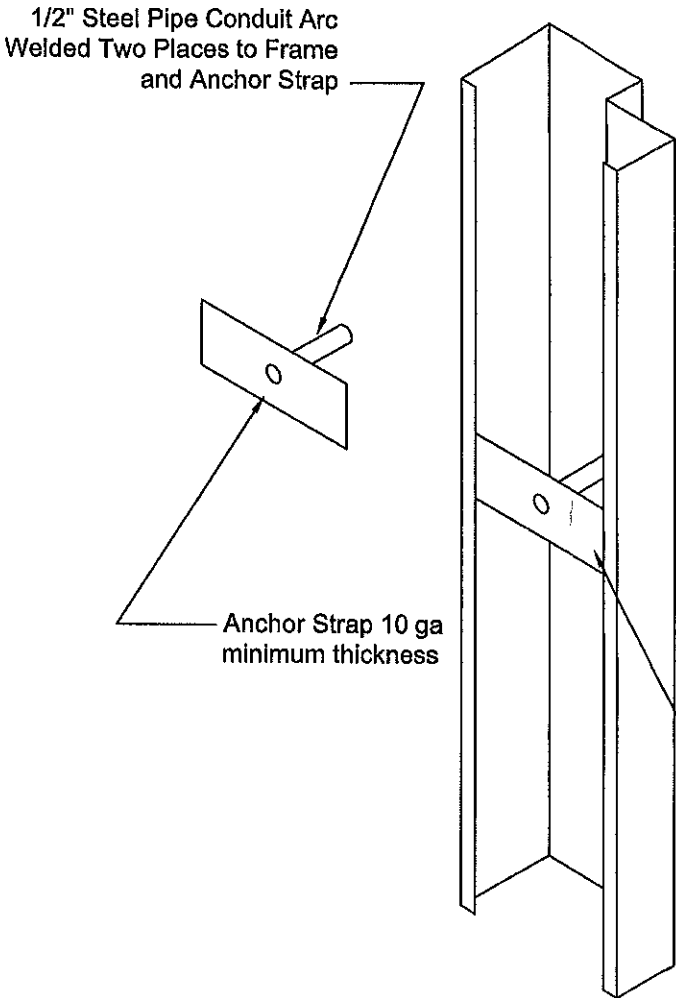
By 
Miami Dade Product Control

Frame Anchor Details

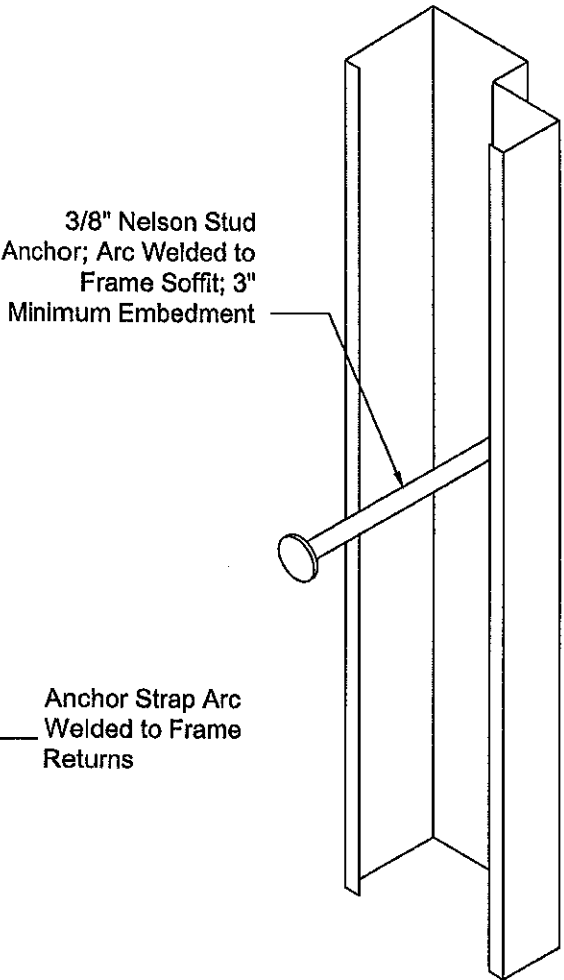
Non- Removable Masonry Yoke and Strap
(No Head and Sill Anchors)



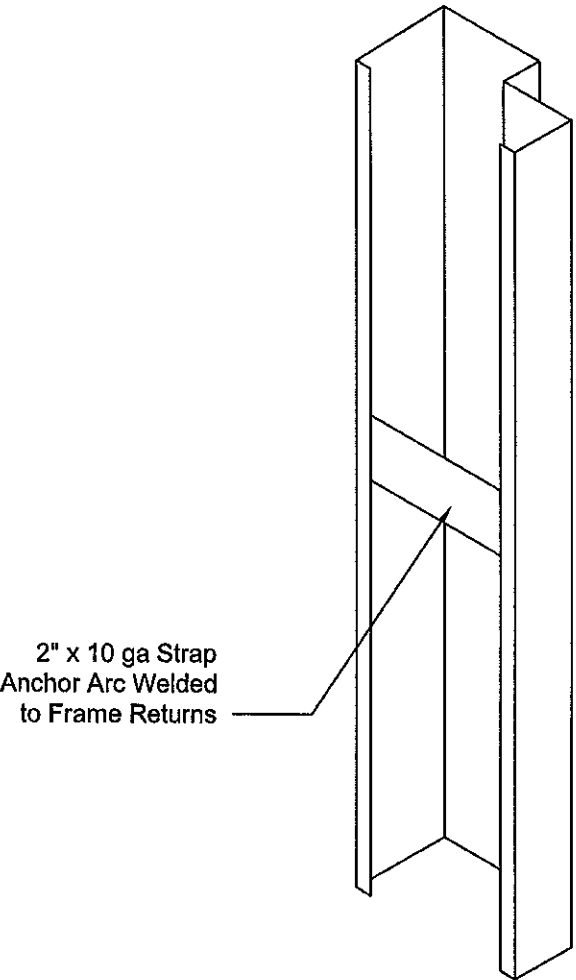
Expansion Bolt Anchor for Existing Masonry
(No Head and Sill Anchors)



Nelson Stud Anchor for Cast In Place Concrete
(No Head and Sill Anchors)



Strap Anchor for Cast In Place Concrete
(No Head and Sill Anchors)



- * 3/8" Hilti HIT HY 150 MAX Injection Anchor- 3.5" Min Embedment
- * 3/8" Hilti Carbon Steel Kwik Bolt 3 Expansion Anchor -1.625" Minimum Embedment

Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; 9" from Each End Max, 18" o.c. Max

| | |
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| Drawn by: JSIII | Checked by: JSIII |
| Date: 8-7-12 | Page: 6 of 7 |
| Revision: ORIGINAL | |

Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
284 Stapleton Rd
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(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

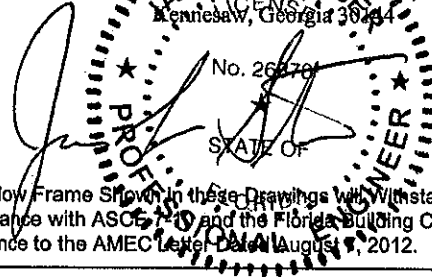
Project Name:
Dade County-
Detention Cell View Window Frame

Job Number:
NOA Application # 12-0501.10



Florida Registered Professional Engineer

Company Name: AMEC Environmental and Infrastructure
Address: 3200 Town Point Drive NW, Suite 100
Kennesaw, Georgia 30144



The Window Frame Shown in these Drawings will Withstand Wind Pressures in Accordance with ASCE 7-10 and the Florida Building Code 2010. This is in Reference to the AMEC Letter Dated August 1, 2012.

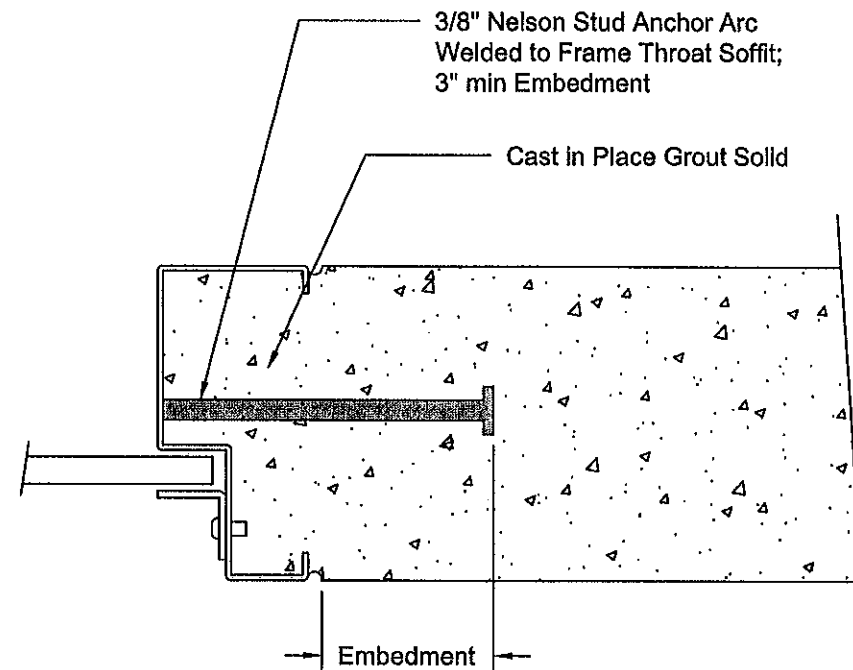
Dade County Compliance Office Use

PRODUCT REVISED
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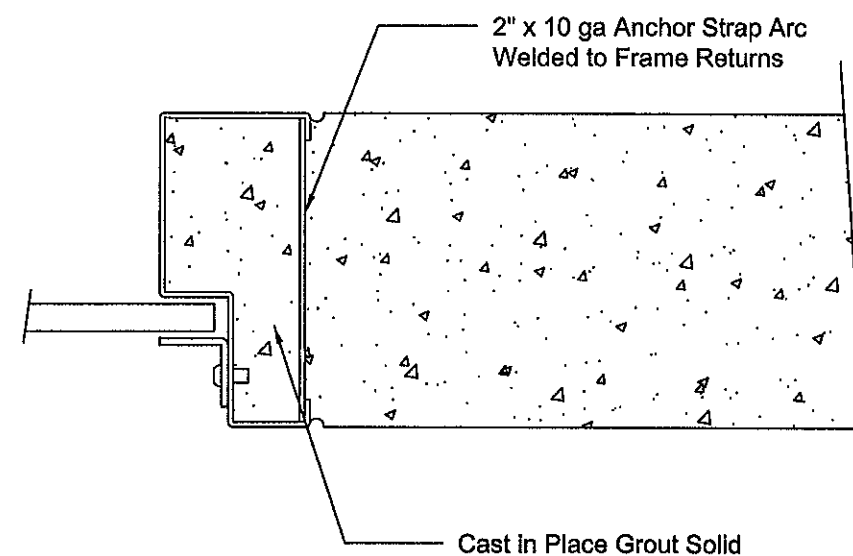
By *Mamuel Perez*
Miami Dade Product Control

Frame Anchor Details

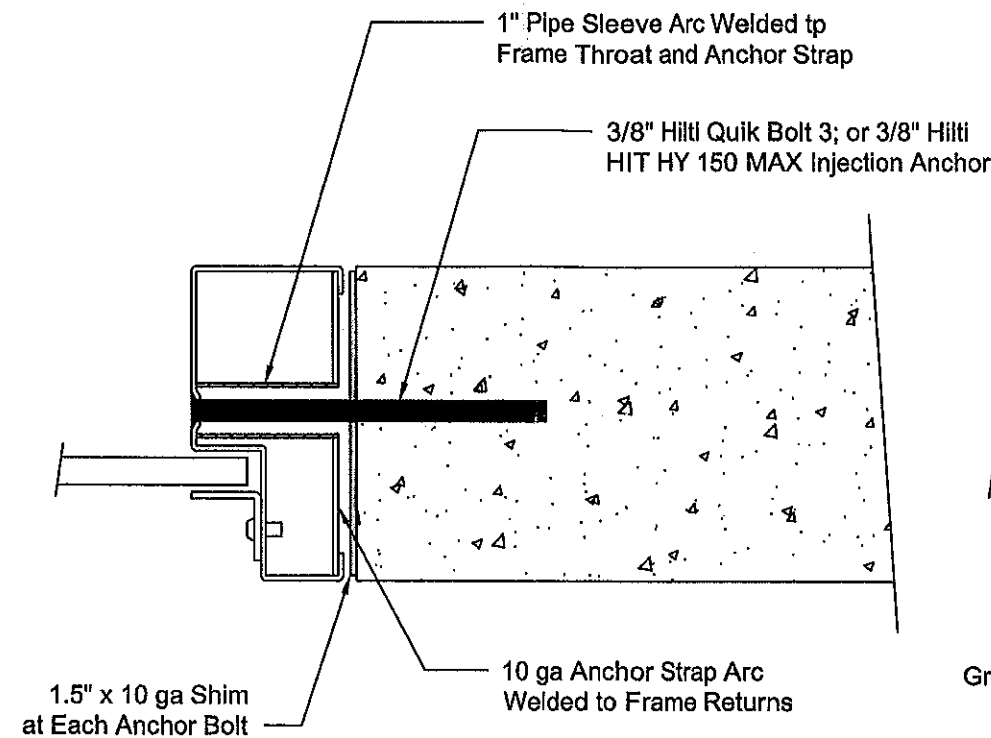
**Nelson Stud Anchor for Cast in Place Concrete
(No Head and Sill Anchors)**



**Strap Anchor for Cast in Place Concrete
(No Head and Sill Anchors)**

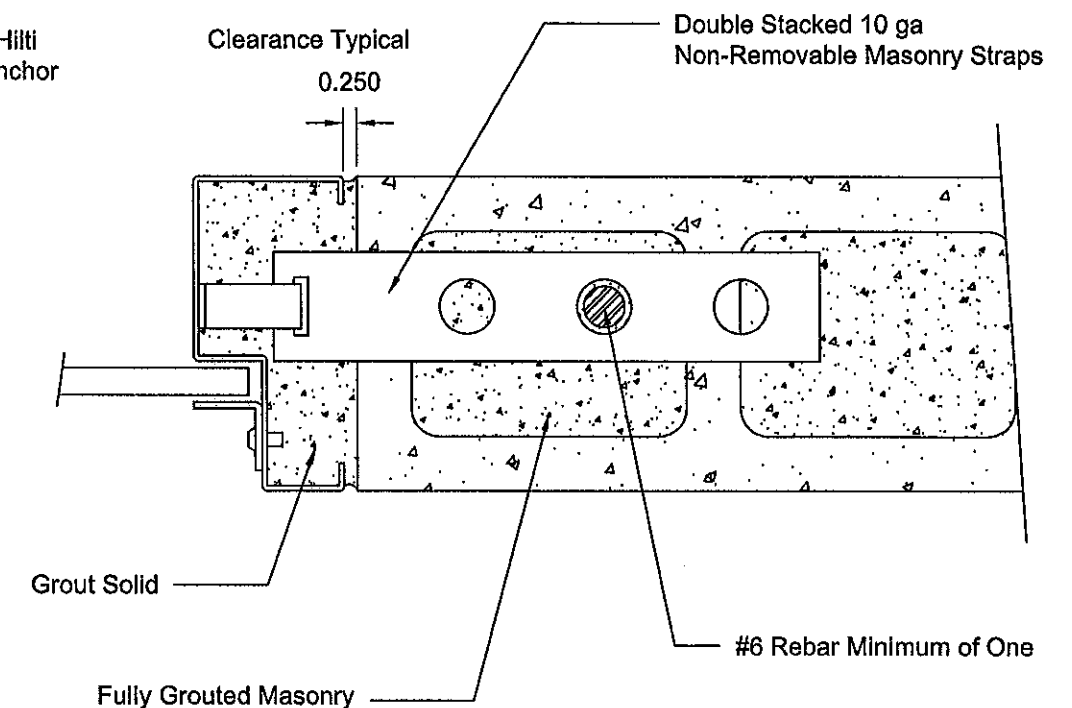


**Expansion Bolt Anchor for Existing Masonry
(No Head and Sill Anchors)**



- * 3/8" Hilti HIT HY 150 MAX Injection Anchor- 3.5" Min Embedment
- * 3/8" Hilti Carbon Steel Kwik Bolt 3 Expansion Anchor -1.625" Minimum Embedment

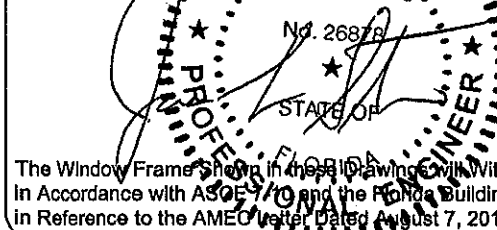
**Non- Removable Masonry Yoke and Strap
(No Head and Sill Anchors)**



Anchor Spacing per HMMA 861-00 Commercial Hollow Metal Doors and Frames; 9" From Each End Max, 18" o.c. Max

Florida Registered Professional Engineer

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Address: 3200 Town Point Drive NW, Suite 100
Kennesaw, Georgia 30144



The Window Frame shown in these drawings will Withstand Wind Pressures in Accordance with ASCE 7-10 and the Florida Building Code 2010. This is in Reference to the AMEC letter Dated August 7, 2012.

Dade County Compliance Office Use

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0501.10
Expiration Date July 20, 2016
By *Manuel Perez*
Miami/Dade Product Control

| | |
|------------------------|----------------------|
| Drawn by: JSIII | Checked by: JSIII |
| Date: 8-7-12 | Page: 7 of 7 |
| Revisions: ORIGINAL | |

Habersham Metal Products Co., Inc.



Engineered Steel Doors and Frames
264 Stapleton Rd
Cornelia, GA 30531
(706)778-2212 FX: (706)778-2769
e-mail: hmpco@habershammetal.com

Project Name:

Dade County-
Detention Cell View Window Frame

Job Number:

NOA Application # 12-0501.10

